Adding Fractions with Like Denominators

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Instructions

1. Add the numerators.
2. Keep the denominator the same.
3. Write the answer in lowest terms: divide the top and the bottom by any number that goes into both.

Example

$\frac{1}{3} + \frac{2}{3} = \mathbf{1}$

1. The parts are already the same size, so nothing needs rewriting.
   `1/3 and 2/3 are both in thirds`
2. Combine the numerators; keep the denominator.
   `(1 + 2)/3 = 3/3`
3. Check whether the top and the bottom share a factor. If they do, divide both by it.
   `(3 ÷ 3)/(3 ÷ 3) = 1`
4. Write the answer.
   `1`

1 $\frac{8}{11} + \frac{3}{11} =$

2 $\frac{2}{5} + \frac{5}{5} =$

3 $\frac{3}{3} + \frac{2}{3} =$

4 $\frac{1}{6} + \frac{2}{6} =$

5 $\frac{3}{5} + \frac{1}{5} =$

6 $\frac{4}{7} + \frac{3}{7} =$

7 $\frac{5}{5} + \frac{3}{5} =$

8 $\frac{1}{9} + \frac{1}{9} =$

9 $\frac{3}{12} + \frac{2}{12} =$

10 $\frac{1}{9} + \frac{7}{9} =$

11 $\frac{8}{12} + \frac{5}{12} =$

12 $\frac{8}{8} + \frac{6}{8} =$

13 $\frac{2}{8} + \frac{7}{8} =$

14 $\frac{2}{9} + \frac{3}{9} =$

15 $\frac{9}{9} + \frac{9}{9} =$

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